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Part Number: [0850031691](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Header, Style C, Right-Angle, Through Hole, 1µm Selective Gold (Au), 96 Circuits, Board Lock Option Available, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-85003-0001-001 \(PDF\)](#)
[Packaging Specification PK-85003-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85003](#)
Application Daughtercard
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style C
UPC 800753747197

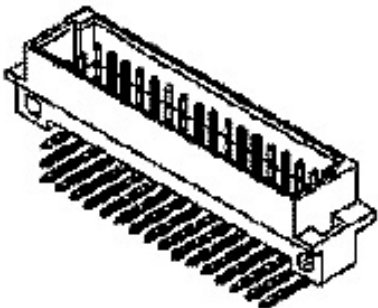
Physical

Circuits (Loaded) 96
Circuits (maximum) 96
Durability (mating cycles max) 500
First Mate / Last Break Yes
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Plating Mating Gold
Net Weight 15.800/g
Number of Columns 16
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Right Angle
PC Tail Length 3.00mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55° to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.0A
Data Rate 622.0 Mbps
Voltage - Maximum 250V AC (RMS)

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[85003](#) Series

Mates With

[85042](#) DIN 41612 Receptacle. [85052](#) DIN 41612 Header

Duration at Max. Process Temperature (seconds)010

Lead-freeProcess CapabilityWAVE

Process Temperature max. C260

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-85003-001

Product Specification

PS-85003-0001-001

Sales Drawing

SD-85003-1691

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